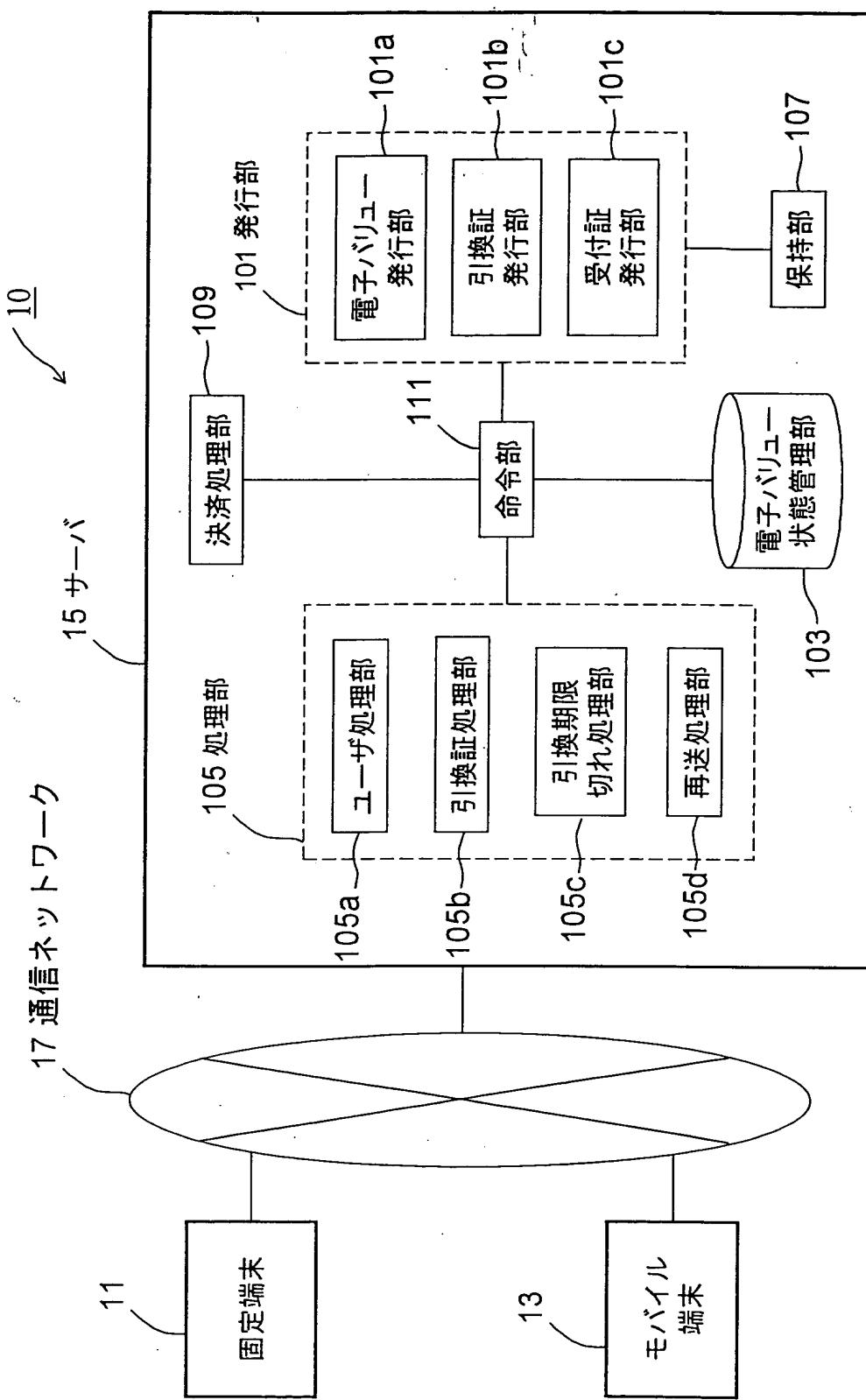


F/G.1

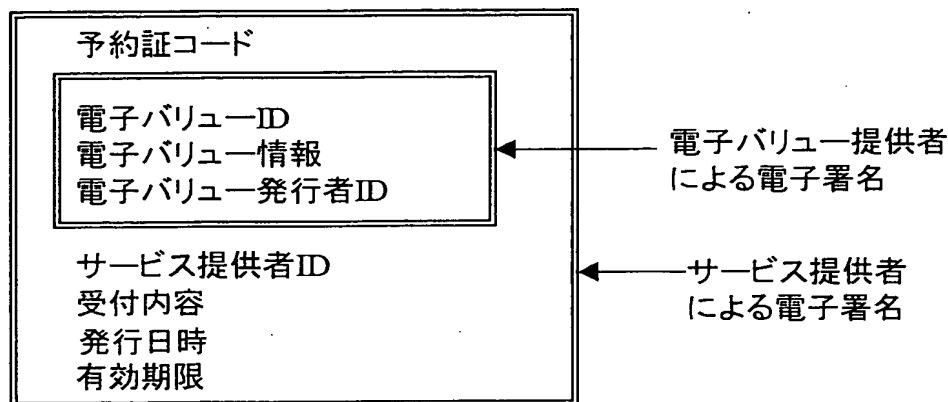
図面

図二



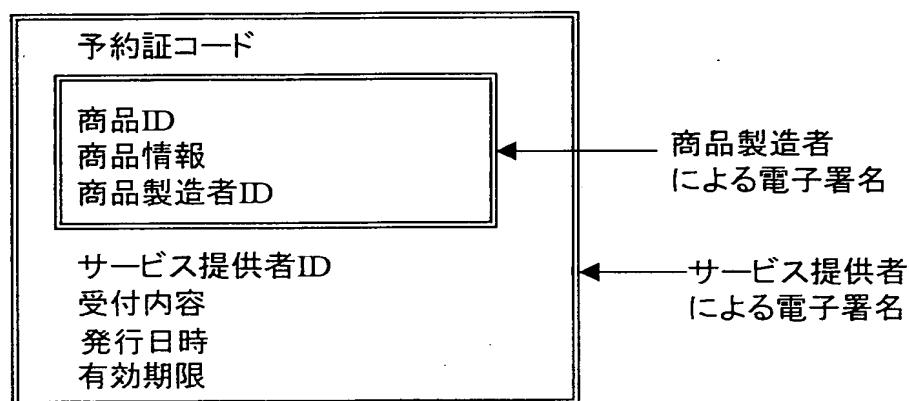
【図2】

FIG.2A



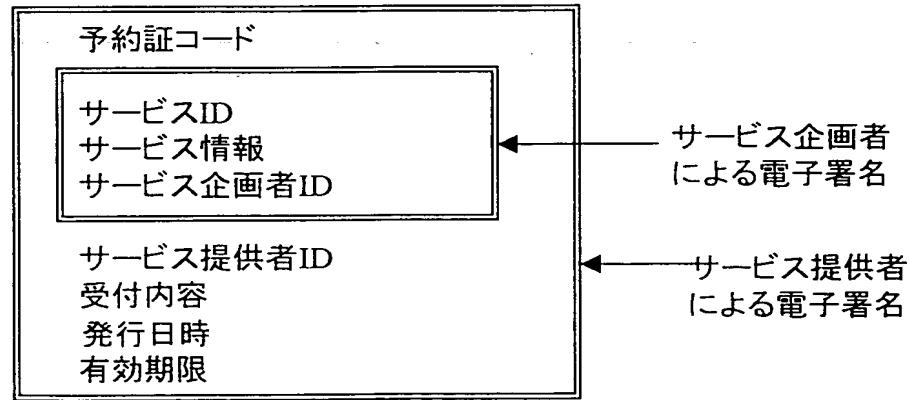
(a)

FIG.2B



(b)

FIG.2C



(c)

Fig. 3

図3

300

300f

300e

300d

300b

300a

電子ナビリューワーク	発行日時	電子ナビリューワークの有効期限	引換証の有無	引換証の有効期限	状態
123456788	2000/12/14 13:10:11	2000/12/31 22:00:00	Yes	2000/12/30 00:00:00	払い戻し完了
123456789	2000/12/14 13:12:11	2000/12/31 22:00:00	Yes	2000/12/30 00:00:00	ユーザからの引換要求待ち
123456790	2000/12/14 13:12:19	2000/12/31 22:00:00	Yes	2000/12/30 00:00:00	設定期日のダウントロード待ち
123456798	2000/12/14 13:13:13	2001/04/01 22:00:00	No	2000/12/30 00:00:00	電子ナビリューワーク ロード完了
123456799	2000/12/14 13:17:11	2000/12/31 22:00:00	Yes	2000/12/30 00:00:00	電子ナビリューワーク ロード完了
...

【図4】

FIG. 4

メッセージ
クリスマスコンサート 日時: 2000年12月25日 上記チケットの引換有効 期限が迫っています。 お早めにお引き換えください。 有効期限後の払い戻し は出来ません。

【図5】 FIG. 5A

FIG. 5B

ダウンロードメッセージ
クリスマスコンサート 日時: 2000年12月25日 上記チケットを ■ ダウンロード実行 □ その他 処理を選択し、実行キー を押してください。

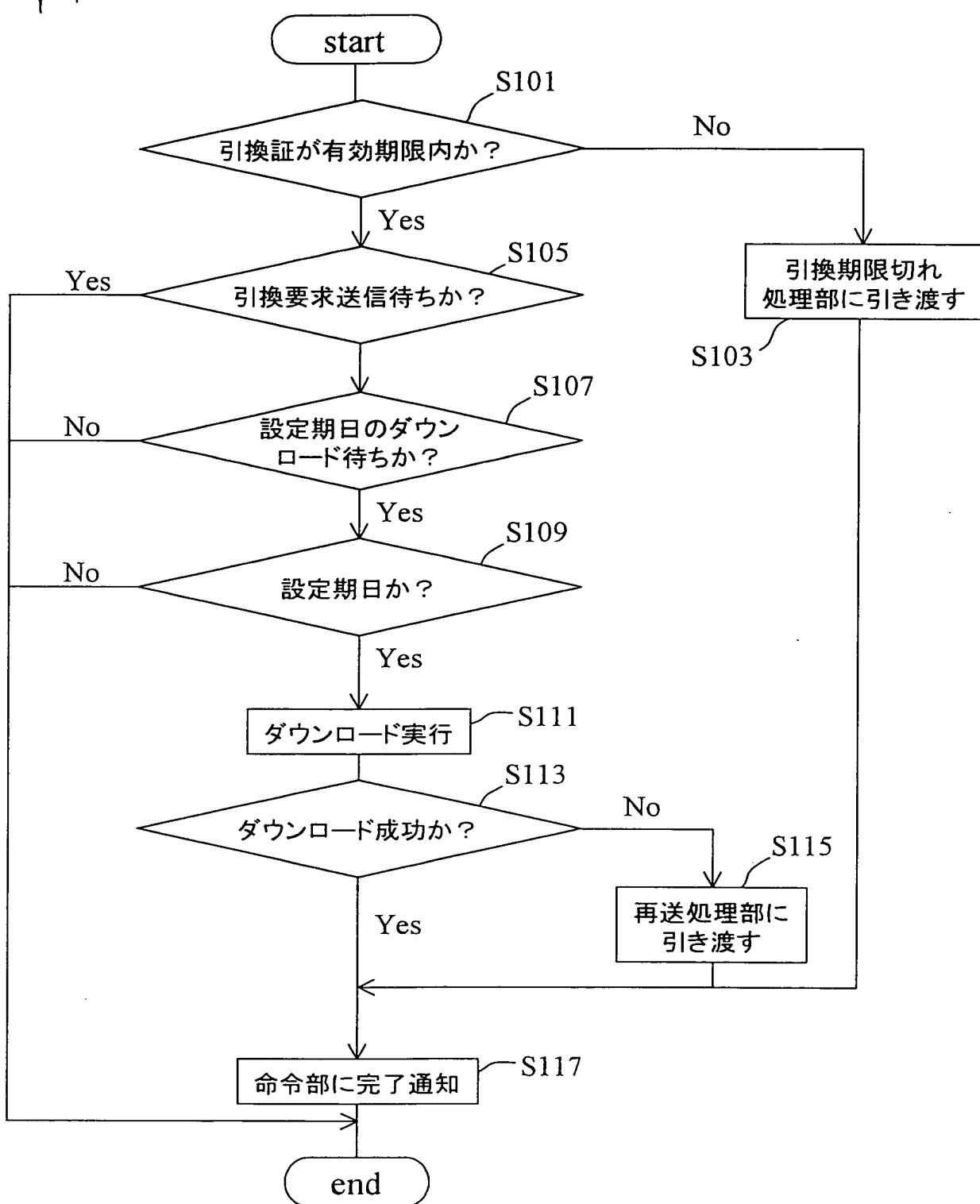
(a)

ダウンロードメッセージ
クリスマスコンサート 日時: 2000年12月25日 上記チケットを ■ 払い戻し □ 変更 □ 後でダウンロード 処理を選択し、実行キー を押してください。

(b)

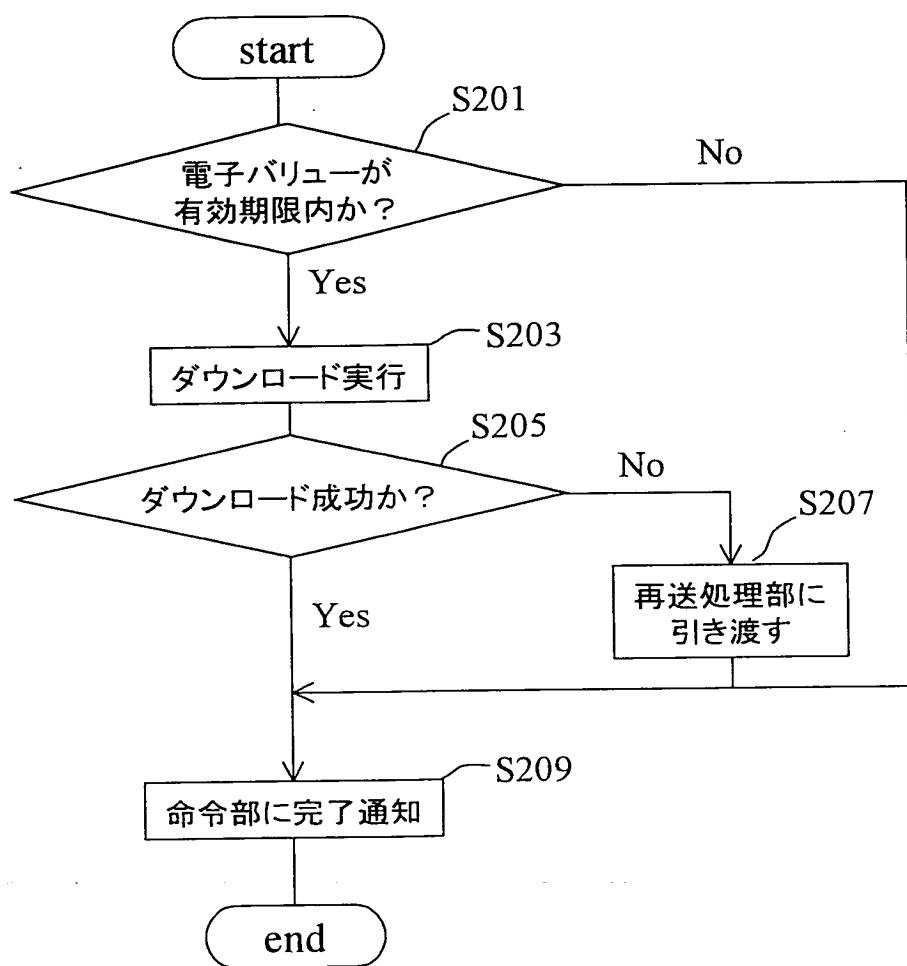
【図6】

FIG. 6



【図7】

FIG. 7



【図8】

FIG. 8

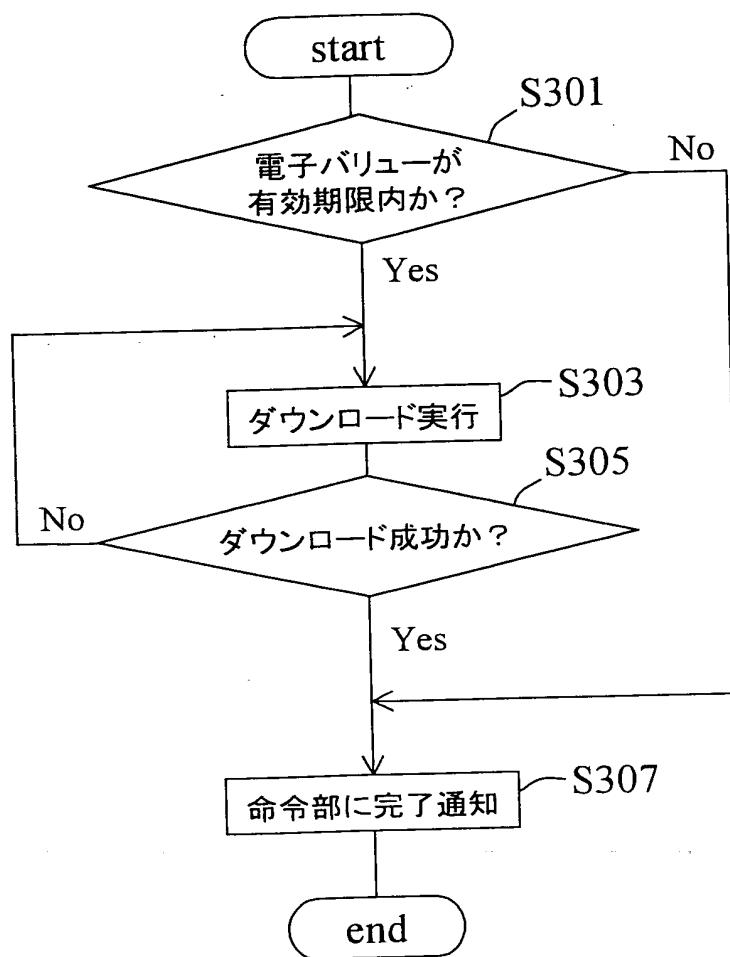


Fig. 9

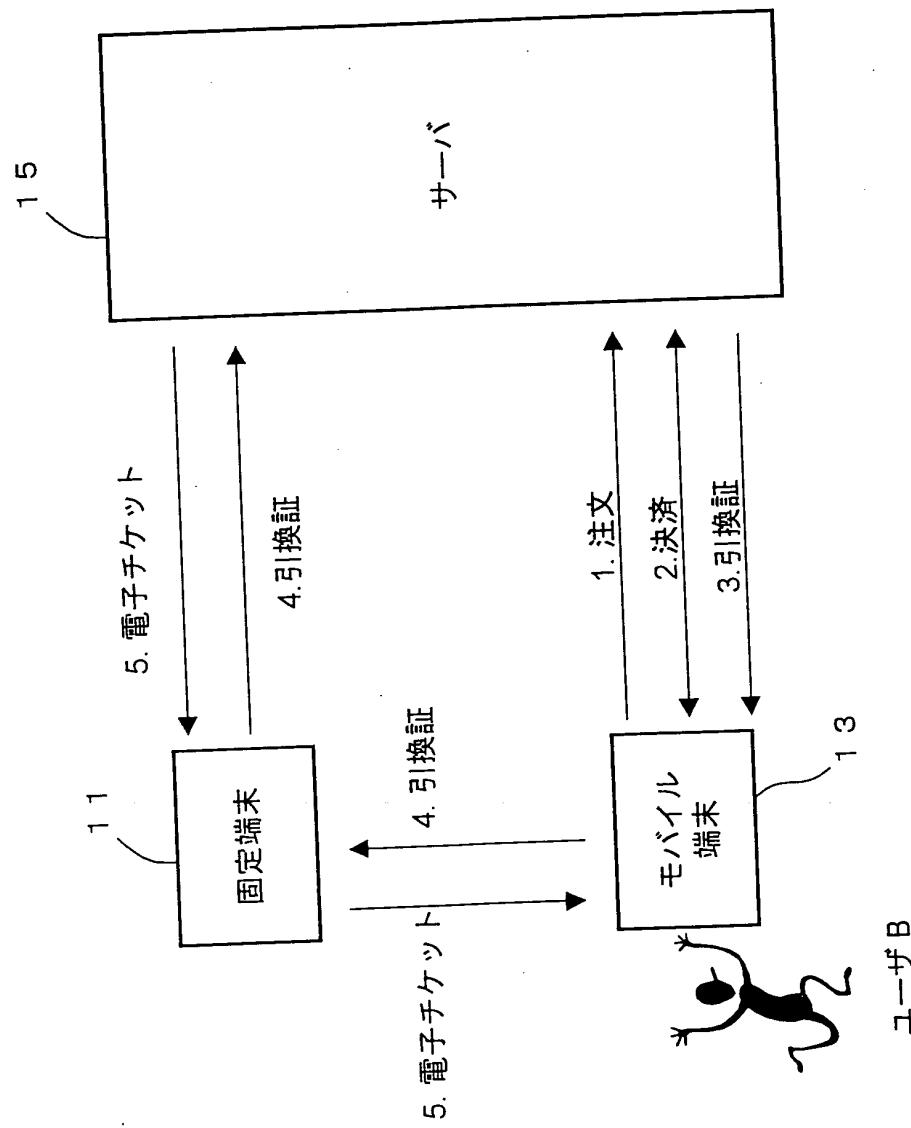


FIG. 10

【図10】

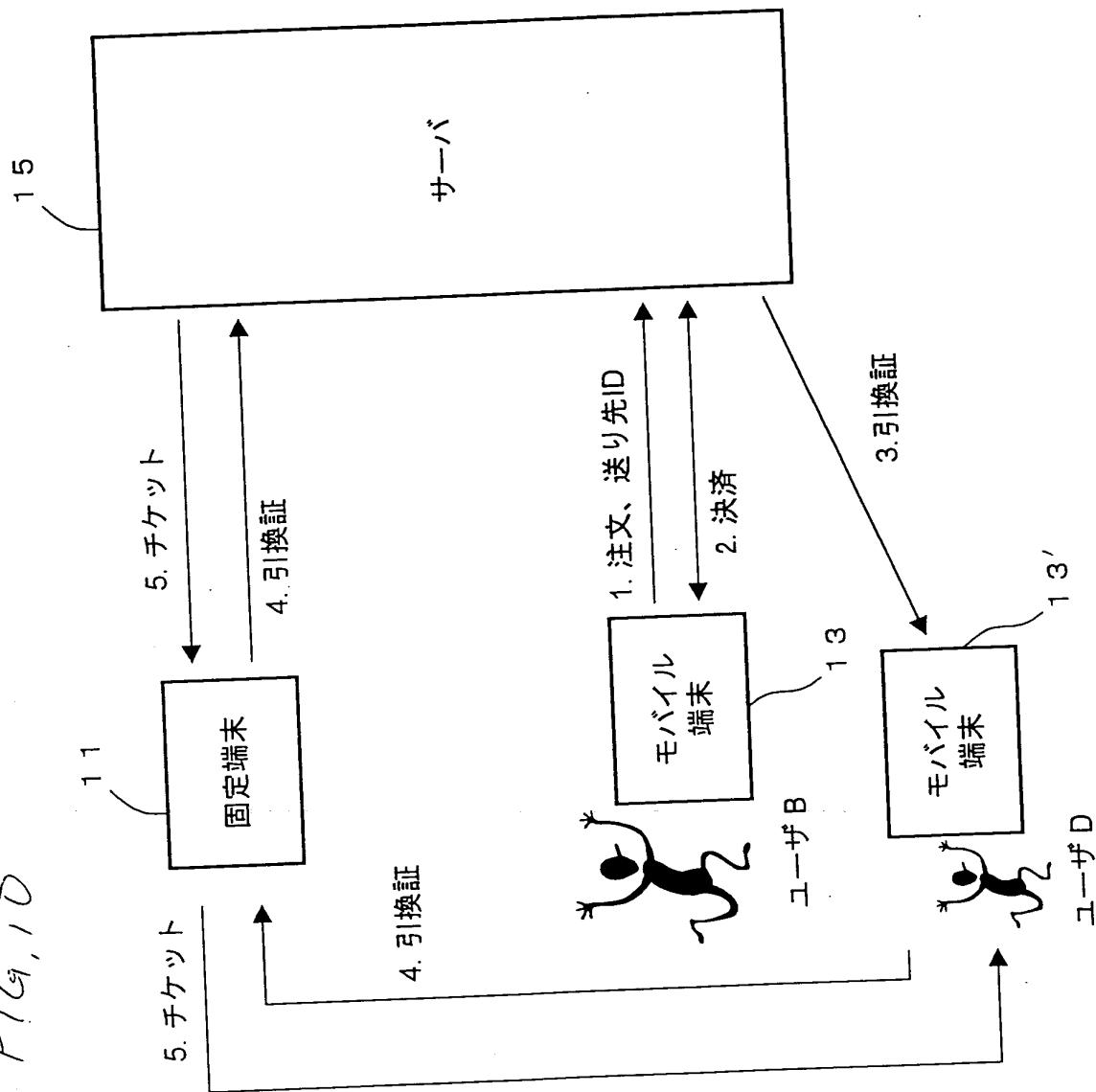
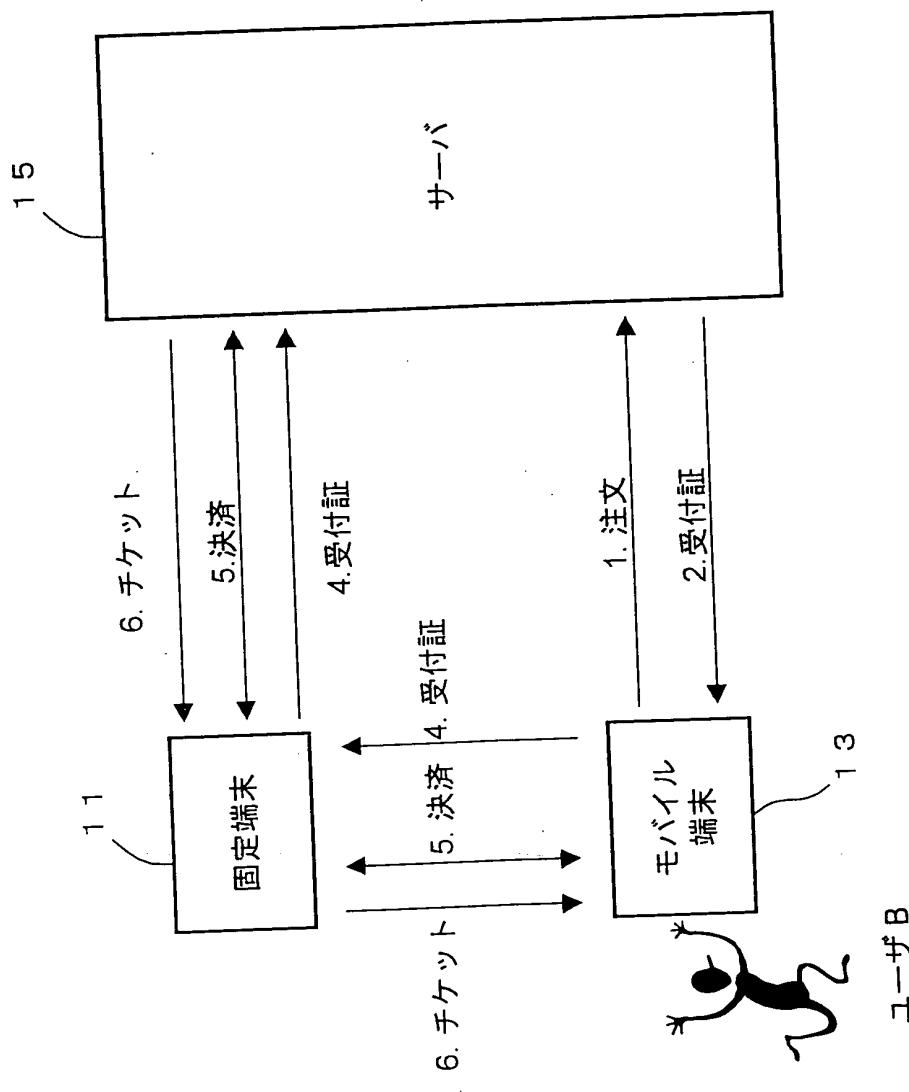


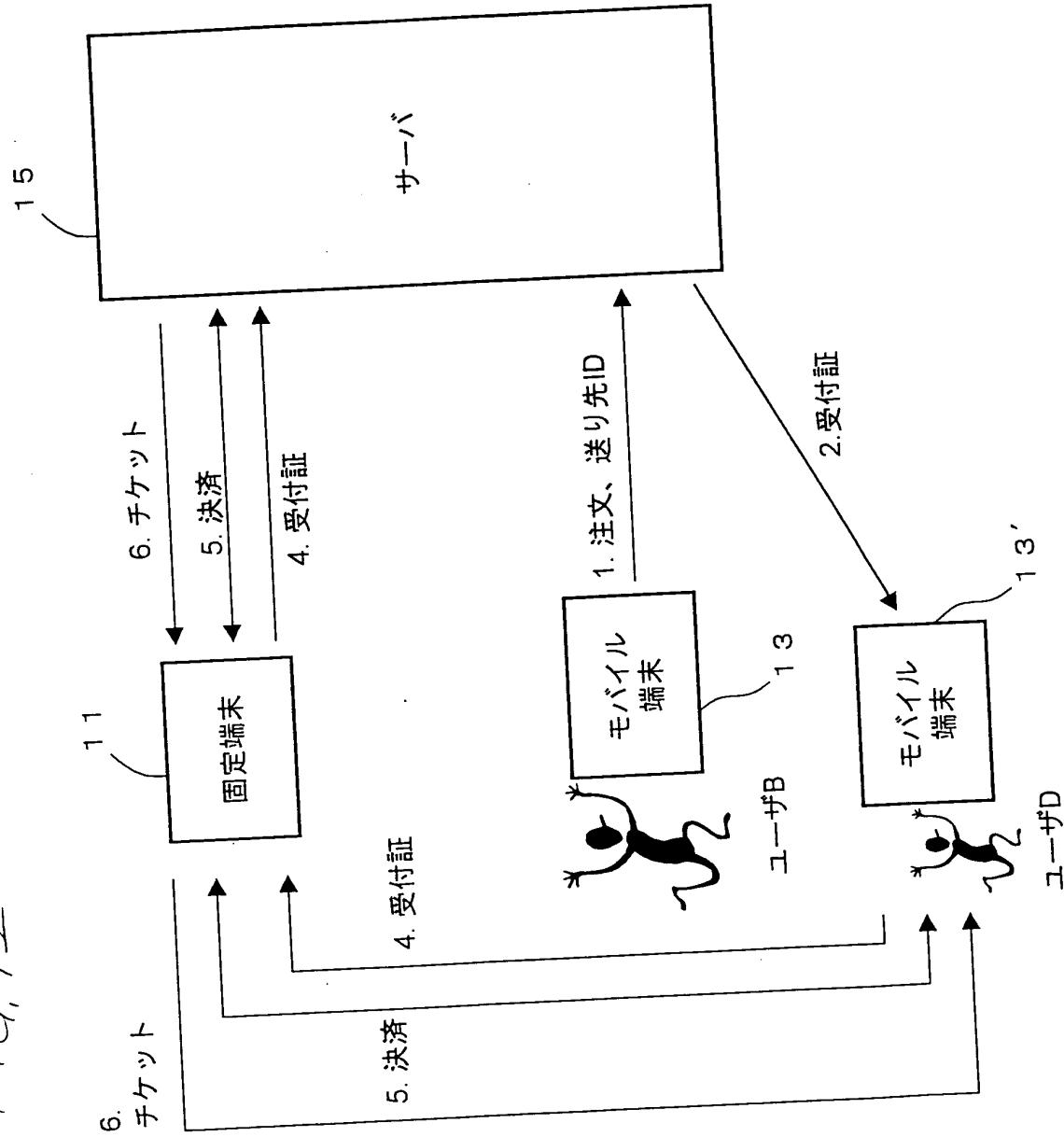
FIG. 11

図11



F/G, 12

【図12】



2回目

7/16, 13

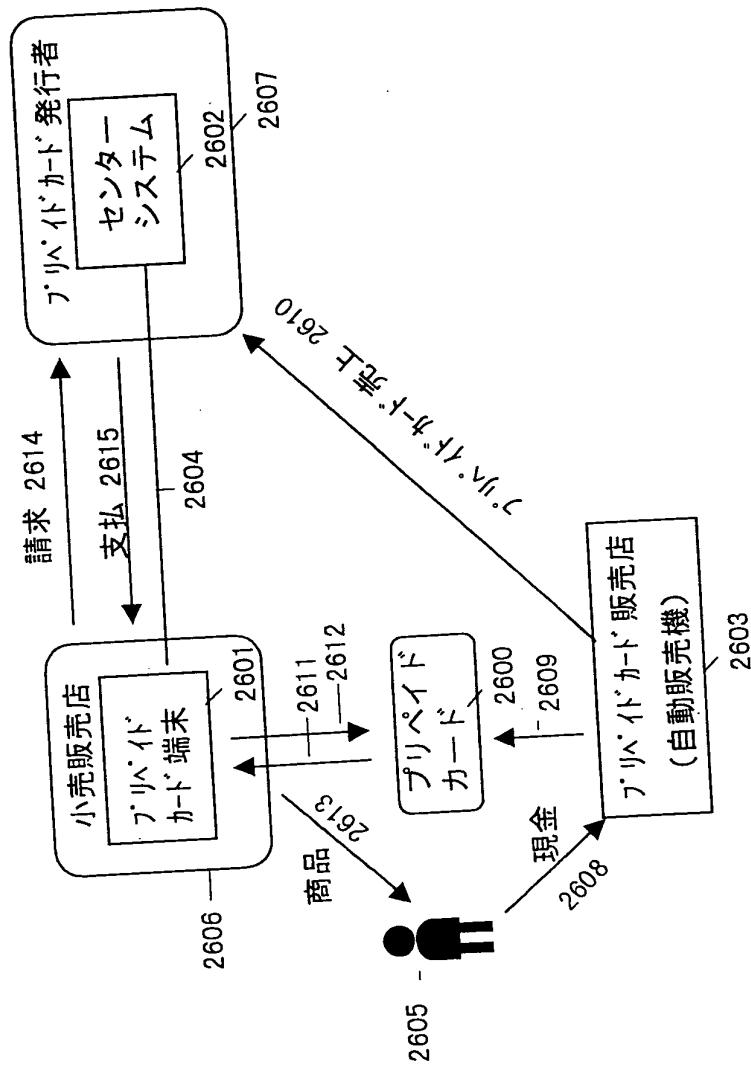
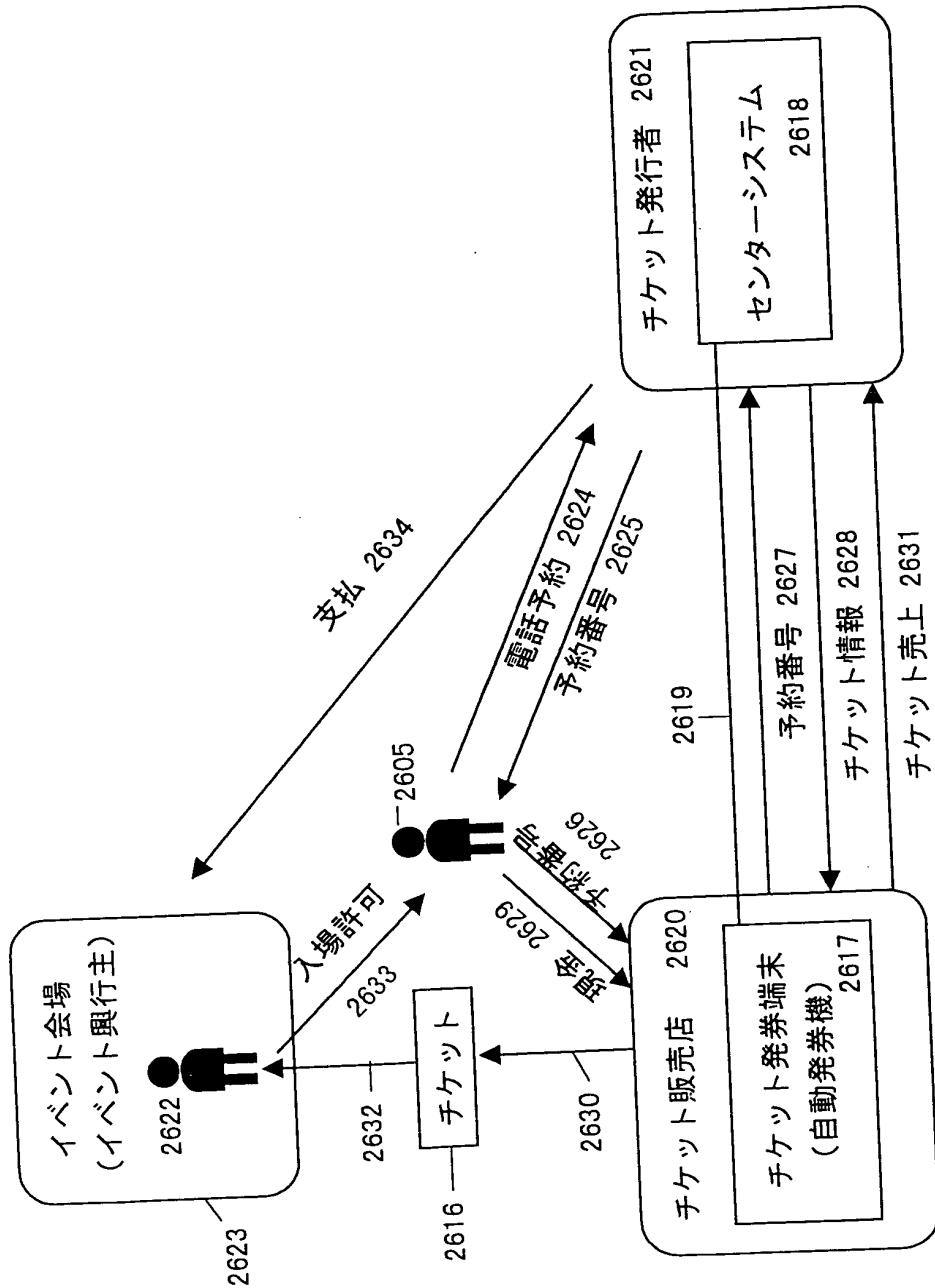


FIG. 14

図14】



[DRAWINGS]

[FIG. 1]

11 STATIONARY TERMINAL

13 MOBILE TERMINAL

15 SERVER

17 COMMUNICATIONS NETWORK

101 ISSUANCE SECTION

101A ELECTRONIC ASSET ISSUANCE SECTION

101B EXCHANGE TICKET ISSUANCE SECTION

101C RECEIPT TICKET ISSUANCE SECTION

103 ELECTRONIC ASSET STATUS MANAGEMENT SECTION

105 PROCESSING SECTION

105A USER PROCESSING SECTION

105B EXCHANGE TICKET PROCESSING SECTION

105C PAST-DUE PROCESSING SECTION

105D RETRANSMISSION PROCESSING SECTION

109 SETTLEMENT PROCESSING SECTION

111 INSTRUCTION SECTION

[FIG. 2A]

BOOKING TICKET CODE

ELECTRONIC ASSET ID

ELECTRONIC ASSET INFORMATION

ELECTRONIC ASSET ISSUER ID

SERVICE PROVIDER ID

DETAILS OF RECEIPT TICKET

DATE AND TIME OF ISSUE OF RECEIPT TICKET

EXPIRATION DATE

ELECTRONIC SIGNATURE APPENDED BY ELECTRONIC ASSET PROVIDER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PROVIDER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PROVIDER

[FIG. 2B]

BOOKING TICKET CODE

PRODUCT ID

PRODUCT INFORMATION

PRODUCT'S MANUFACTURER ID

SERVICE PROVIDER ID

DETAILS OF RECEIPT TICKET

DATE AND TIME OF ISSUE OF RECEIPT TICKET

EXPIRATION DATE

ELECTRONIC SIGNATURE APPENDED BY PRODUCT'S MANUFACTURER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PROVIDER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PROVIDER

[FIG. 2C]

BOOKING TICKET CODE

SERVICE ID

SERVICE INFORMATION

SERVICE PLANNER ID

SERVICE PROVIDER ID

DETAILS OF RECEIPT TICKET

DATE AND TIME OF ISSUE OF RECEIPT TICKET

EXPIRATION DATE

ELECTRONIC SIGNATURE APPENDED BY SERVICE PLANNER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PLANNER

ELECTRONIC SIGNATURE APPENDED BY SERVICE PROVIDER

[FIG. 3]

300A ELECTRONIC ASSET ID
300B DATE AND TIME OF ISSUE OF ELECTRONIC ASSET
300C EXPIRATION DATE OF ELECTRONIC ASSET
300D PRESENCE/ABSENCE OF EXCHANGE TICKET
300E EXPIRATION DATE OF EXCHANGE TICKET
300F STATUS

COMPLETION OF A REFUND

AWAITING A USER'S REQUEST FOR EXCHANGE
AWAITING DOWNLOADING OF DATE PERTAINING TO A DESIGNATED EXPIRATION DATE
COMPLETION OF DOWNLOADING OF AN ELECTRONIC ASSET
COMPLETION OF DOWNLOADING OF AN ELECTRONIC ASSET

[FIG. 4]

MESSAGE
CHRISTMAS CONCERT
DATE: DECEMBER 25TH, 2000

THE EXPIRATION DATE BY WHICH THE EXCHANGE TICKET CAN BE EXCHANGED FOR AN ELECTRONIC TICKET IS NEAR AT HAND. PLEASE EXCHANGE THE EXCHANGE TICKET FOR THE ELECTRONIC TICKET IMMEDIATELY. A REFUND CANNOT BE GIVEN FOR AN EXPIRED TICKET.

[FIG. 5A]

DOWNLOAD MESSAGE
CHRISTMAS CONCERT
DATE: DECEMBER 25TH, 2000
SELECT EITHER OF THE FOLLOWING TWO OPERATIONS AND PRESS THE ENTER KEY.
DOWNLOAD THE TICKET
ANOTHER OPERATION

[FIG. 5B]

DOWNLOAD MESSAGE
CHRISTMAS CONCERT
DATE: DECEMBER 25TH, 2000
SELECT ONE ACTION FROM THE FOLLOWING OPERATIONS AND PRESS THE ENTER KEY.
REFUNDING
CHANGING TICKET TO ANOTHER TICKET
DOWNLOAD TICKET LATER

[FIG. 6]

S101 IS EXCHANGE TICKET VALID?
S103 HAND OVER PROCESSING TO PAST-DUE PROCESSING SECTION
S105 AWAITING TRANSMISSION OF REQUEST FOR EXCHANGE
S107 AWAITING DOWNLOADING OF DESIGNATED DATE AND TIME
S109 IS TODAY THE DESIGNATED DAY?
S111 DOWNLOAD ELECTRONIC ASSET
S115 HAND OVER PROCESSING TO RETRANSMISSION PROCESSING SECTION
S117 SEND COMPLETION ACKNOWLEDGMENT TO INSTRUCTION SECTION

[FIG. 7]

S201 IS ELECTRONIC ASSET VALID?
S203 DOWNLOAD ELECTRONIC ASSET
S205 HAS ELECTRONIC ASSET BEEN SUCCESSFULLY DOWNLOADED?
S207 HAND OVER PROCESSING TO RETRANSMISSION PROCESSING SECTION

S209 SEND COMPLETION ACKNOWLEDGMENT TO INSTRUCTION SECTION

[FIG. 8]

S301 IS ELECTRONIC ASSET VALID?
S303 DOWNLOAD ELECTRONIC ASSET
S305 HAS ELECTRONIC ASSET BEEN SUCCESSFULLY DOWNLOADED?
S307 SEND COMPLETION ACKNOWLEDGMENT TO INSTRUCTION SECTION

[FIG. 9]

1 ORDER
2 SETTLEMENT
3 EXCHANGE TICKET
4 EXCHANGE TICKET
5 ELECTRONIC TICKET
11 STATIONARY TERMINAL
13 MOBILE TERMINAL
15 SERVER
USER B

[FIG. 10]

1 ORDER, SENDER ID
2 SETTLEMENT
3 EXCHANGE TICKET
4 EXCHANGE TICKET
5 TICKET
11 STATIONARY TERMINAL
13 MOBILE TERMINAL
USER B
13' MOBILE TERMINAL
USER D
15 SERVER

[FIG. 11]

1 ORDER
2 SETTLEMENT
4 RECEIPT TICKET
5 SETTLEMENT
6 TICKET
11 STATIONARY SERVER
13 MOBILE TERMINAL
USER B
15 SERVER

[FIG. 12]

1 ORDER, SENDER ID
2 RECEIPT TICKET
4 RECEIPT TICKET
5 SETTLEMENT
6 TICKET
11 STATIONARY TERMINAL
13 MOBILE TERMINAL
USER B
13' MOBILE TERMINAL
USER D
15 SERVER

[FIG. 13]

2600 PREPAID CARD

2601 PREPAID CARD TERMINAL
2602 CENTRAL SYSTEM
2603 PREPAID CARD SALES SHOP
(AUTOMATIC VENDING MACHINE)
2606 RETAIL OUTLET
2607 PREPAID CARD ISSUER
2608 CASH
2610 PROCEEDS FROM SALE OF PREPAID CARD
2613 COMMODITY
2614 BILL
2615 PAYMENT

[FIG. 14]

2616 TICKET
2617 TICKETING TERMINAL (AUTOMATIC VENDING MACHINE)
2618 CENTRAL SYSTEM
2620 TICKET SHOP
2621 TICKET ISSUER
2623 EVENT HALL (EVENT PROMOTER)
2624 BOOKING BY PHONE
2625 BOOKING NUMBER
2626 BOOKING NUMBER
2627 BOOKING NUMBER
2628 TICKET INFORMATION
2629 CASH
2631 PROCEEDS FROM SALE OF TICKET
2633 PERMISSION TO ENTER
2634 PAYMENT